

Thanks Michelle (again)! The internet must be bogged down as I'm having a heck of a time downloading. I'll try this evening after most folks exit for the day and hopefully have better luck. And can always download in Anchorage later this month (fun not work related trip).

From: Davis.MichelleV@epamail.epa.gov [mailto:Davis.MichelleV@epamail.epa.gov]
Sent: Monday, December 10, 2012 10:37 AM
To: Susan Flensburg
Subject: Re: FW: Climate Change Regional and Program Office Plans

Sue;

These are great resources. Sally cox was working on updating the erosion publication, and it is awaiting final approval before being reprinted. I know erosion is a major concern for several of the Tribes you work with, and I wanted to be sure you have this. This guide is was done by Lydia Minehan Tubec, a University of Washington student. She did a nice job and it has a good amount of useful information.

<ftp://ftp.epa.gov/reg10ftp/tribal/erosion/>

Talk to you soon, if not, hope you have a happy holiday season!



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Tribal Coordinator
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^ Susan Flensburg —12/05/2012 08:26:48 AM—Sally & Michelle - I've circulated before and now simply curious to know how comments such as the at

From: Susan Flensburg <sflensburg@bbna.com>
To: Sally Thomas/R10/USEPA/US@EPA, MichelleV Davis/R10/USEPA/US@EPA
Date: 12/05/2012 08:26 AM
Subject: FW: Climate Change Regional and Program Office Plans

Sally & Michelle — I've circulated before and now simply curious to know how comments such as the attached filter through the internal confines of EPA.

Thanks.

Sue

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From: Susan Flensburg
Sent: Tuesday, December 04, 2012 2:17 PM
To: 'Ingram.Paige@epamail.epa.gov'
Cc: Davis.MichelleV@epamail.epa.gov; Thomas.Sally@epamail.epa.gov
Subject: RE: Climate Change Regional and Program Office Plans

Hi Paige,

Thank you for the reply. I will stay in touch with Michelle on this important issue. And appreciate the willingness by EPA to bring tribes and other native organizations early into the Implementation Planning process. Attaching my comments from last March 2016 which will give you my perspective on some of the items that I hope will be given consideration during this phase.

Sue

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From: Ingram.Paige@epamail.epa.gov [<mailto:Ingram.Paige@epamail.epa.gov>]
Sent: Tuesday, December 04, 2012 1:30 PM
To: Susan Flensburg
Cc: Davis.MichelleV@epamail.epa.gov; Thomas.Sally@epamail.epa.gov
Subject: RE: Climate Change Regional and Program Office Plans

Hi Susan,

Glad to be in touch with you and to hear that people are interested in the Climate Change Adaptation planning. I apologize for not responding earlier. There is a big Tribal Nations Conference tomorrow that has been consuming the majority of AIEO staff time the past week or two.

Michelle covered a lot of the relevant information available. At this point the Adaptation Strategy, which was out for tribal review this summer, is waiting approval from OMB. With the hope that it will be approved the Agency has started work on Implementation Planning. All of this is being coordinated by the Office of Policy in the D.C. office, but the director of that office has gone to great lengths to identify experts within each Regional and Program office to work on the project. These people will be on regular intra-Agency calls and will be working with appropriate staff in their offices to draft the final plans. I am actually filling in for David Guest on this workgroup while he is out on extended medical leave.

You'll be glad to hear that tribes are a main focus of the overall work that we have been doing. I am working with a few other individuals to lead a discussion group specifically asking EPA staff how to best reflect tribal concerns in the implementation planning. That will take place in January and February and I will be talking to Michelle to find out some of the names on the list she is collecting. Getting staff engaged from the Region 10 offices in Seattle and Anchorage will be crucial to the success of the plan. We are also planning on engaging tribes directly in this process, although the details of that haven't been finalized yet.

I also like your idea about bringing this discussion into the Alaska Forum event. I know that JoAnn Chase, director of AIEO, will be attending that. I will pass on your suggestion to her.

Other than that, I would encourage you to stay in touch with Michelle and Sally to get involved in the overall process. Considering the scope of work it is being spread out over many months, with one of these discussion groups focused on each component of the plan.

Hope that helps! Feel free to let me know if you have any other questions.

Best,
Paige

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-----Susan Flensburg <sflensburg@bbna.com> wrote: -----
To: MichelleV Davis/R10/USEPA/US@EPA
From: Susan Flensburg <sflensburg@bbna.com>
Date: 12/03/2012 11:17PM
Cc: Paige Ingram/DC/USEPA/US@EPA, Sally Thomas/R10/USEPA/US@EPA
Subject: RE: Climate Change Regional and Program Office Plans
Hi Michelle,

Thanks for getting back with me. Short note as I ran out of fuel at the house and dogs awaiting their dinner and short walk! It's good to know that discussions are in the early stages as I think there are a handful of folks, myself included, that would be willing to provide input and feedback. Daniel Chythlook, who serves as Alaska's representative on the National Tribal Water Council, and I have exchanged information/conversations and one of the individuals that comes to mind.

I'm glad to know there will be more in-depth discussion at the quarterly climate calls. I also think the Alaska Forum on the Environment would be an opportunity for formal and/or informal discussion and to identify ground-level suggestions by tribal representatives and environmental program staff.

I think there are also ways to tie into or at least connect EPA programs with ongoing initiatives, such as the Landscape Conservation Cooperatives and regional/sub-regional Fish Habitat Partnerships recognized by the National Fish Habitat Board. By way of example, the Southwest Alaska Salmon Habitat Partnership's strategic plan recommended developing a stream temperature monitoring network program for Bristol Bay modeled after Cook Inlet Keepers program. As a sidebar, you'll be pleased to know we drafted a NFHAP proposal to do just that and will be incorporating Cook Inlet Keepers sampling protocols into the annual water quality/QAPP recertification class we co-sponsor with the UAF Bristol Bay Campus.

BTW: I haven't talked with Page (yet anyways); it was just a coincidence of sorts that I learned she was one of the leads when I called AIEO to let them know about the garbled page in the recent newsletter.

Looking forward to catching up with you and others at AFE.

Sue

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From: Davis,MichelleV@epamail.epa.gov [mailto:Davis,MichelleV@epamail.epa.gov]
Sent: Monday, December 03, 2012 3:26 PM
To: Susan Flensburg
Cc: Ingram,Paige@epamail.epa.gov; Thomas,Sally@epamail.epa.gov
Subject: Re: Climate Change Regional and Program Office Plans

Hi Sue;

Nice to hear from you, as always, you are thinking a few steps ahead of the curve. My comments do not reflect the entire region, I'm just sharing what I've heard and Paige may have additional information to add. So far, there are no draft plans in Region 10. A couple of offices may have done some foundational planning work by starting programmatic vulnerability assessments, but those are still draft and internal. I have not even seen them yet, since they are being worked on within each program.

On our last quarterly climate call, Keith Rose from the Air unit, said a few words about the regional planning effort. So, there are no completed or even draft adaptation plans yet, however, mid summer looks like it will be pretty busy with this work.

We have already identified this as a topic for the quarterly regional climate calls, as well as for the RTOC. A question I have been thinking about, is that since each program will be tasked with doing planning that considers climate impacts to vulnerable populations, how can outreach be the most effective? As you know, some tribal leaders are reporting they are overrun with information requests. One thing that TTAU is considering asking for an EPA professional intern to help go through existing materials such as work from past Tribal leader's summits, the RTOC priorities document and existing research to identify impacts by media. That background work, in addition to Tribal outreach, will help the programs look carefully at information that Tribes have given us. Again, that background work is not a substitute for communicating directly with Tribes, but may help inform the conversations.

In any agency planning effort, there is always a need for reviewers, and someone to just talk about the issues with. Are you interested? I'm starting list of people who programs can reach out to, and thought of you, especially for water quality issues. Again, I will also be sure to keep this as an item on the regional climate calls. Send Paige and I any other ideas or suggestions, since this is very much an unfolding process.

Please call with questions and talking to Paige was also the right step. Much of what I've learned about this process has been from her. Hope this is helpful.

Best wishes,



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* Susan Flensburg —11/28/2012 03:15:02 PM—Hi Michelle, I've participated in various EPA hosted climate change webinars regarding the Climate C

From: Susan Flensburg <sflensburg@bbna.com>
To: MichelleV Davis/R10/USEPA/US@EPA
Cc: "paige@epa.gov" <paige@epa.gov>
Date: 11/28/2012 03:15 PM
Subject: Climate Change Regional and Program Office Plans

Hi Michelle,

I've participated in various EPA hosted climate change webinars regarding the Climate Change Adaptation Plan. While the plan provides broad direction, I'm more interested in the "implementation plans for each Program and Regional Office" that are to be developed based on the agency wide plan. I haven't had much success obtaining information on the regional and program plans, and noticed this was mentioned in the recent AIEO newsletter (article excerpted below).

Can you provide me an update on the Implementation Plan for Region 10? I am interested in any working drafts that may have been released for review/comment deadlines, scheduled or anticipated webinars, workgroups established to address the step-down plans, website link to stay current on plan progress and content, etc. And how the region implementation plans will or might differ from the program office plans.

Thanks and look forwarding to hearing from you.

Sue

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----- Message from Susan Flensburg <sflensburg@bbna.com> on Fri, 16 Mar 2012 14:58:23 -0800 -----

To: "Gerald Filbin (Filbin.Gerald@epamail.epa.gov)" <Filbin.Gerald@epamail.epa.gov>, "scheraga.joel@epa.gov" <scheraga.joel@epa.gov>
Subject: FW: BBNA comments/references to materials during the March 8, 2012 webinar on EPA's Climate Change Action Plan-- additional info
Geez, with the darn handbook this time...!

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Email: **Ex. 6 PII, Susan Flensburg**

From: Susan Flensburg
Sent: Friday, March 16, 2012 1:55 PM
To: Gerald Filbin (Filbin.Gerald@epamail.epa.gov); 'scheraga.joel@epa.gov'
Subject: FW: BBNA comments/references to materials during the March 8, 2012 webinar on EPA's Climate Change Action Plan-- additional info

Gerald and Joel (sorry I didn't get your email correct the first time) --

Forgot to include the DCRA Handbook. I realize the handbook and erosion form probably more appropriate for the Region 10 climate change action step down plan to be developed but thought you might like a copy anyway.

We're planning to try out the DCRA erosion tool at a follow up climate change workshop the BBN A, the Bristol Bay Campus (rural campus that is part of University of Alaska Fairbanks) and the Alaska Native Tribal Health Consortium will be co-sponsoring late summer/early fall 2012. Our first climate change workshop in May 2011 covered the basics (see attached flyer) and the intent for the follow up workshop to focus on community adaptation and planning tools. BBN A and the UAF Bristol Bay Campus collaborate on training not only to stretch resources but to also provide participants academic credit. The campus was recently awarded a NSF TCUP grant that includes a climate change component. I'm on their external committee and planning to promote the idea of abbreviated vulnerability assessments using the Homer model that I mentioned in my verbal comments on March 8th and below in my email. I bring all of this up because I think there are a lot of examples statewide in Alaska where partnerships have been formed and training opportunities to address climate change should be supported.

Last, I made a comment early when I spoke on March 8th that agencies including EPA need to consider climate change impacts on river hydrology for large scale mineral development and other projects. By way of example the Pebble Project in Bristol Bay, if developed, would be one of the largest mines in the world that may require up to nine miles of dams (reaching up to 740 feet high) and as much as 30 plus billion gallons of fresh water out of the headwaters of Bristol Bay. The NEPA process has a relatively short horizon -- 6 years - for considering potential impacts which seems woefully inadequate to address hydrologic changes due to climate change.

Thanks for considering our input.

Sue

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Email: **Ex. 6 PII, Susan Flensburg**

From: Susan Flensburg
Sent: Thursday, March 15, 2012 10:01 PM
To: Gerald Filbin (Filbin.Gerald@epamail.epa.gov); 'scherage.joel@epa.gov'
Subject: BBNA comments/references to materials during the March 8, 2012 webinar on EPA's Climate Change Action Plan

Gerald and Joel,

I'm glad there was the opportunity to provide comments during the March 8th webinar. As requested, I am forwarding the materials I mentioned during my comments.

- 1) Concurred with Leilani Knight's/ comments regarding the National Park Service Climate Change Scenario Planning Workshops/information generated for Alaska. Note: I attended the February 2011 workshop for Southwest Alaska and attaching the summary.
- 2) Concurred with Leilani's comments regarding the need to increase IGAP for adaptation planning
- 3) Support for the Local Environmental Observer (LEO) Network as a cost-effective means of documenting/sharing local observations on changes to the environment (see attached email dated Feb 14th for information/links about LEO)
- 4) Suggested exploring "Abbreviated Climate Vulnerability Assessments" using the model developed for Homer by NRDC but with local knowledge/TEK incorporated. Attaching the Homer Water Fact Sheet. Excerpted below is the summary of a proposal we submitted to DOI that captures the approach we envisioned for Bristol Bay.

Project Summary (BBNA Proposal to BIA)

The proposed project will result in vulnerability assessment fact sheets for eight to ten communities in Bristol Bay, Alaska and regional report. The vulnerability assessments will be modeled after the Homer Water Facts Sheet (copy in Additional Materials section) and summarize water-related climate changes and impacts throughout the 21st century. The vulnerability assessment fact sheets for Bristol Bay communities will expand on this model by incorporating traditional ecological knowledge and local observations by water system operators and other community members. A regional report will be prepared based on the findings from the vulnerability assessments. The report will provide guidance to Tribes on community adaptation measures and direction to regional organizations on collective actions to assist communities pro-actively respond to current and projected impacts related to water and food security.

The proposed project dovetails with the Community Climate Change Health Assessments Project for three coastal, riverine or lake communities recently awarded to Bristol Bay Native Association by the Western Alaska Landscape Conservation Steering Committee (see project summary in Additional Materials section). The project team for the Climate Change Health Assessments includes a wide range of partners and will function as a sounding board for the proposed project to prepare vulnerability assessment fact sheets for other communities in our region. Daniel Chythlook, Aleknagik Traditional Council Environmental Program Director and Alaska's representative on the National Tribal Water Council, will also participate as a project team member for this project (letter of commitment in Additional Materials section). The community vulnerability assessment fact sheets project proposal will complement research needs related to climate change in the strategic plan drafted by the Southwest Alaska Salmon Habitat Partnership (recognized partnership under the National Fish Habitat Action Plan). Anticipated funding to the Alaska Center for Climate Assessment and Policy to undertake regional assessments of vulnerability and environmental security in Bristol Bay will provide additional resources to BBNA's project (see summary in Additional Materials section).

- 5) Mentioned the State of Alaska's community erosion observation record form and accompanying handbook (in process of being updated) as a hands on approach for documenting the rate of erosion and fits the broad goal of "building and strengthening local capacity" (increasing awareness, scientific information/tools and training mentioned in the overview before taking comments), and strengthening partnerships, etc. Attaching the observation record form and handbook that the state is updating.
- 6) Touched on the increasing importance of "sustainable gardening" in rural Alaska due to food security issues as well as the environmental and health benefits of composting (less goes to the landfill) and eating locally grown foods that don't have preservatives, etc. And that I liked EPA's greenscapes website and thought more could be done under IGAP to address sustainable gardening.

I meant to get this information to you earlier this week but have been under the weather.

Sue
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Email: **Ex. 6 PII, Susan Flensburg**

[attachment "AKClimateChange Response Strategy-summary.pdf+.pdf" deleted by MichelleV Davis/R10/USEPA/US]

----- Message from "Brubaker, Michael Y" <mbrubaker@antho.org> on Tue, 14 Feb 2012 14:25:43 -0900 -----

To: Susan Flensburg
<sflensburg@bbna.com>
Subject: Welcome to LEO Sue!

Dear Sue,

We are pleased to inform you that you have been added to the Local Environmental Observer (LEO) Network as LEO Number 89. You are now part of a growing network of local professionals who share information about our changing environment. As a LEO you will receive educational information and be invited to participate in upcoming events. You can also post your observations and related photos to monthly LEO Observations Maps, accessible on the worldwide web. All the maps are archived on the LEO Website, so you will be able to go back and compare observations over the months or years.

How to Post an Observation: LEOs can record observations of unique or unusual events in their community. The events should be time and location specific. For example: "the bird was sighted on the water tank around noon on February 15th". To post your observation, go to the LEO website and click on Post Observations. That will bring up a form where you can enter your observation information. Once posted, the information will go to the LEO Center, and you will be contacted by e-mail with a unique reference number for your observation. Remember, the better the quality of the information (time, description, location, photos) that you can provide the better and more helpful our network and observation system will be. We are focusing on observations from this point forward, although recent observations (2011) can also be submitted.

How to Post a Photo: Photos of your observations need to be sent as an attachment to an email. You can send your photo with your

observation reference number to anthcleo@anthc.org

Based on your postings you may also be referred to one of our resource partners. They are experts on the type of event you have observed and are available to share information or discuss the event and to provide technical assistance and/or resources. This will be helpful when you are trying to identify new or unusual plants or animals, for reporting sick wildlife, an unusual weather event, an erosion hazard, un-seasonable ice conditions or other observations. We are in the process of developing a LEO Manual, so stay tuned.

Join Our LEO Slideshow: Finally, we are building a slideshow of LEO members. This will be posted in a on the front page of the LEO website. To contribute to the slideshow, email an outdoor photo of yourself to this address anthcleo@anthc.org. Please try to send photos with good resolution and taken near enough so we can recognize you.

Thank you again for becoming part of the LEO Network. We will look forward to working with you in the months ahead.

Sincerely,

Mike & Moses

Michael Brubaker, 907-729-2464 mbrubaker@anthc.org
Moses Tcheripanoff, 907-729-2496 mptcheripanoff@anthc.org
Alaska Native Tribal Health Consortium
Center for Climate and Health

[attachment "Homer Community Fact Sheet Example.pdf" deleted by MichelleV Davis/R10/USEPA/US] [attachment "DCRA Community EROSION Observation Record.pdf" deleted by MichelleV Davis/R10/USEPA/US] [attachment "May 2011 Climate Change Workshop Final Flyer.pdf" deleted by MichelleV Davis/R10/USEPA/US] [attachment "DCRA Understanding&EvaluatingErosionPublication .pdf" deleted by MichelleV Davis/R10/USEPA/US]